

**EXTRUDED POLY(ETHYLENE OXIDE) AND  
FILLER COMPOSITES AND FILMS HAVING ENHANCED  
DUCTILITY AND BREATHABILITY**

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**ABSTRACT OF THE INVENTION**

Breathable, flushable, porous films and articles made therewith  
and a process for making these films. The present invention is  
10 directed to composites comprising a polymer that is water-soluble or  
water-degradable and a filler. The films are made by extruding the  
composite materials into a precursor film and, preferably, stretching  
the precursor film to achieve the desired breathability and water-  
dispersibility of the finished film. In one embodiment, the  
15 composition of the invention comprises a polymer of ethylene oxide  
and a filler such as calcium carbonate.

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